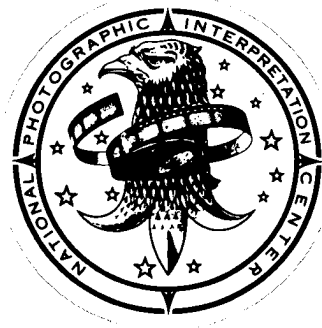


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**P**HOOTOGRAPHIC  
**I**NTERPRETATION  
**R**EPORT

NATIONAL PHOTOGRAPHIC  
INTERPRETATION CENTER

**ABM-X-3 LAUNCHER COMPONENT AT  
LENINGRAD MACHINE AND MISSILE  
PLANT BOLSHEVIK 232, USSR**

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NOVEMBER 1976

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PIR-016/76

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**DISSEMINATION CONTROL ABBREVIATIONS**

NOFORN-	Not Releasable to Foreign Nationals
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### ABM-X-3 LAUNCHER COMPONENT AT LENINGRAD MACHINE AND MISSILE PLANT BOLSHEVIK 232

1. A probable SH-04 launch stand for the ABM-X-3 system has been identified at Leningrad Machine and Missile Plant Bolshevik 232

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. This is the first photographic evidence that Plant 232 is involved in the development of a component of an ABM system.

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2. The SH-04 launch stand is a part of the SH-04 ABM-X-3 launcher (Figure 2). It had been seen only at Sary-Shagan Missile Test Center where developmental testing of the ABM-X-3 system has been underway since early 1971 (Figure 3).

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4. The SH-04 launcher is a fixed-position launcher composed of four parts: launch stand, flame deflector, blast shields, and possible erector assist arm/umbilical. The launch stand supports the SH-04 canister in a vertical position for launch. The stand is a square, raised platform with at least six tie-down points around a central opening through which the blast from the SH-04 booster motor passes. The flame deflector and blast shields direct the blast away from the launch position and nearby equipment and buildings. The possible erector assist arm/umbilical may help guide the canister from its transporter to the launcher during the erection process.

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5. The size and appearance of the probable SH-04 launch stand identified at Leningrad Plant 232 are similar to the SH-04 launch stands observed at Sary-Shagan Missile Test Center.

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6. The probable SH-04 launch stand at Leningrad Plant 232 was in a transshipment yard at the southeast end of the plant near the Neva River. It has not been observed on any other coverage of the plant.

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**REFERENCES**

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**MAPS OR CHARTS**

ACIC. US Air Target Chart, Series 200, Sheet 0153-4, scale 1:200,000

**DOCUMENT**

1. DIA. DI-410-003A/072-SSO, *Foreign Missile Production*, 1 Jul 72 (TOP SECRET

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**REQUIREMENT**

Project 143450NJ

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